

FORM PTO-1449

## INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.  
1488.0450001APPLICATION NO.  
08/917,710APPLICANT  
BEDNARIK *et al.*FILING DATE  
August 26, 1997

GROUP

~~To be assigned~~

1647

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
SLW	AL1	WO 96/23067	08/01/1996	WIPO	—	—	— Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	1	Adams, M.D. <i>et al.</i> , "Rapid cDNA sequencing (expressed sequence tags) from a directionally cloned human infant brain cDNA library," <i>Nature genetics</i> 4:373-380 (1993)
	AS	1	Chizzonite, R. <i>et al.</i> , "Two high-affinity interleukin 1 receptors represent separate gene products," <i>Proc. Natl. Acad. Sci. USA</i> 86(20):8029-8033 (1989)
	AT	1	Colotta, F. <i>et al.</i> , "Interleukin-1 Type II Receptor: A Decoy Target for IL-1 That Is Regulated by IL-4," <i>Science</i> 261:472-475 (1993)

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10/15/02

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	AM						Yes No
	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
SLW 	AR	2	Curtis, B.M. <i>et al.</i> , "T-cell interleukin 1 receptor cDNA expressed in Chinese hamster ovary cells regulates functional responses to interleukin 1," <i>Proc. Natl. Acad. Sci. USA</i> 86:3045-3049 (1989)
	AS	2	Dinarello, C.A. <i>et al.</i> , "The interleukin 1 receptor," <i>Immunol. Today</i> 10(2):49-51 (1989)
	AT	2	Dinarello, C.A., "Interleukin-1 and Interleukin-1 Antagonism," <i>Blood</i> 77(8):1627-1652 (1991)

EXAMINER <i>Sandra Weger</i>	DATE CONSIDERED 10/15/02
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SLW	AR	3	Dower, S.K. and J.E. Sims, "Structure and Function of Murine and Human IL-1 Receptors," in: <i>Cellular and Molecular Mechanisms of Inflammation</i> . Vol. 1. Academic Press, Orlando, FL, p. 137-172 (1990)
	AS	3	Greenfeder, S.A. <i>et al.</i> , "Molecular Cloning and Characterization of a Second Subunit of the Interleukin 1 Receptor Complex," <i>J. Biol. Chem.</i> 270(23):13757-13765 (June 1995)
	AT	3	Hibi, M. <i>et al.</i> , "Molecular Cloning and Expression of an IL-6 Signal Transducer, gp130," <i>Cell</i> 63:1149-1157 (1990)

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SLW	AR	4	Kitamura, T. <i>et al.</i> , "Expression Cloning of the Human IL-3 Receptor cDNA Reveals a Shared $\beta$ Subunit for the Human IL-3 and GM-CSF Receptors," <i>Cell</i> 66:1165-1174 (1991)
	AS	4	Kupper, T.S. <i>et al.</i> , "Interleukin 1 Binds to Specific Receptors on Human Keratinocytes and Induces Granulocyte Macrophage Colony-stimulating Factor mRNA and Protein," <i>J. Clin. Invest.</i> 82:1787-1792 (1988)
	AT	4	Liu, C. <i>et al.</i> , "Rat homolog of mouse interleukin-1 receptor accessory protein: cloning, localization and modulation studies," <i>J. Neuroimmunology</i> 66:41-48 (May 1996)

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SLW	AR	5	Mancilla, J. <i>et al.</i> , "Glycosylation of the Interleukin-1 Receptor Type I is Required for Optimal Binding of Interleukin-1," <i>Lymph. Cytok. Res.</i> 11(4):197-205 (1992)
	AS	5	McMahan, C.J. <i>et al.</i> , "A novel IL-1 receptor, cloned from B cells by mammalian expression, is expressed in many cell types," <i>EMBO J.</i> 10(10):2821-2832 (1991)
	AT	5	Minami, Y. <i>et al.</i> , "The IL-2 Receptor Complex: Its Structure, Function, and Target Genes," <i>Annu. Rev. Immunol.</i> 11:245-268 (1993)

EXAMINER

Sandra Ulegel

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SLW	AR	6	Pimentel, E., "Interleukins and Cytokines," in: <i>Handbook of Growth Factors: Volume III</i> . CRC Press, Inc., Boca Raton, FL, p. 35-53 (1994)
	AS	6	Sims, J.E. <i>et al.</i> , "cDNA Expression Cloning of the IL-1 Receptor, a Member of the Immunoglobulin Superfamily," <i>Science</i> 241:585-589 (1988)
	AT	6	Sims, J.E. <i>et al.</i> , "Cloning the interleukin 1 receptor from human T cells," <i>Proc. Natl. Acad. Sci. USA</i> 86:8946-8950 (1989)

EXAMINER <i>Sandra Wegert</i>	DATE CONSIDERED 10/15/02
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SLW	AR	Z	Sims, J.E. <i>et al.</i> , "Interleukin 1 signaling occurs exclusively via the type I receptor," <i>Proc. Natl. Acad. Sci. USA</i> 90:6155-6159 (1993)
	AS	Z	Solari, R., "Identification and Distribution of Two Forms of the Interleukin 1 Receptor," <i>Cytokine</i> 2(1):21-28 (1990)
	AT	Z	Stylianou, E. <i>et al.</i> , "Interleukin 1 Induces NF- $\kappa$ B through Its Type I but Not Its Type II Receptor in Lymphocytes," <i>J. Biol. Chem.</i> 267(22):15836-15841 (1992)

EXAMINER

Linda Wegert

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SLW	AR	8	Wesche, H. <i>et al.</i> , "Co-expression of mRNA for type I and type II Interleukin-1 receptors and the IL-1 receptor accessory protein correlates to IL-1 responsiveness," <i>FEBS Lett.</i> 391:104-108 (August 1996)
	AS	8	Database EST-STS on MASPARG search, WashU-Merck EST Project (St. Louis MO, USA) No. H80590, from Hillier <i>et al.</i> , "yu76e04.r1 Homo sapiens cDNA clone 239742 5'" (November 1995)
	AT	8	Database EST-STS on MASPARG search, WashU-Merck EST Project (St. Louis MO, USA) No. T70863, from Hillier <i>et al.</i> , "yd15f12.r1 Homo sapiens cDNA clone 108335 5'" (March 1995)

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Landra Weger

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SLW	AR	2	Genbank Report, Accession No. T85756, from Hillier <i>et al.</i> corresponding to database EST-STS, WashU-Merck EST Project (St. Louis MO, USA) "yd60e03.r1 Homo sapiens cDNA clone 112636 5'" (March 1995)
SLW	AS	2	International Search Report for Application No. PCT/US96/13954, mailed January 17, 1997.
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GROUP ~~1646~~ 1647

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**OTHER (Including Author, Title, Date, Pertinent Pages, etc.)**

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SLW	AT	2	NCBI Entrez, GenBank Report with Revision History, Accession No. T00021, McCombie, W.R. <i>et al.</i> (1992)

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SLW	AR	10	NCBI Entrez, GenBank Report with Revision History, Accession No. T08277, Adams, M.D. <i>et al.</i> (1993)
	AS	10	NCBI Entrez, GenBank Report with Revision History, Accession No. T11417, Takeda, J. <i>et al.</i> (1993)
	AT	10	NCBI Entrez, GenBank Report with Revision History, Accession No. T18224, Chakrabarti, D. <i>et al.</i> (1994)

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	AM						Yes No
	AN						Yes No
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SLW	AR	11	NCBI Entrez, GenBank Report with Revision History, Accession No. T70598, Hillier, L. et al. (March 1995)
	AS	11	NCBI Entrez, GenBank Report with Revision History, Accession No. T70863, Hillier, L. et al. (March 1995)
	AT	11	NCBI Entrez, GenBank Report with Revision History, Accession No. T83863, Hillier, L. et al. (March 1995)

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SW	AR	12	NCBI Entrez, GenBank Report with Revision History, Accession No. T91161, Hillier, L. <i>et al.</i> (March 1995)
	AS	12	NCBI Entrez, GenBank Report with Revision History, Accession No. R35902, Hillier, L. <i>et al.</i> (May 1995)
	AT	12	NCBI Entrez, GenBank Report with Revision History, Accession No. R35903, Hillier, L. <i>et al.</i> (May 1995)

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SLW	AR	13	NCBI Entrez, GenBank Report with Revision History, Accession No. R78680, Hillier, L. <i>et al.</i> (June 1995)
	AS	13	NCBI Entrez, GenBank Report with Revision History, Accession No. T15223, vandeLoo, F.J. <i>et al.</i> (July 1995)
	AT	13	NCBI Entrez, GenBank Report with Revision History, Accession No. D58283, Fujiwara, T. <i>et al.</i> (August 1995)

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SLW	AR	14	NCBI Entrez, GenBank Report with Revision History, Accession No. D50979, Fujiwara, T. <i>et al.</i> (September 1995)
	AS	14	NCBI Entrez, GenBank Report with Revision History, Accession No. D51799, from Fujiwara, T. <i>et al.</i> (September 1995)
	AT	14	NCBI Entrez, GenBank Report with Revision History, Accession No. H67866, from Hillier, L. <i>et al.</i> (October 1995)

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	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	15	NCBI Entrez, GenBank Report with Revision History, Accession No. H80533, Hillier, L. <i>et al.</i> (November 1995)
	AS	15	NCBI Entrez, GenBank Report with Revision History, Accession No. H80590, Hillier, L. <i>et al.</i> (November 1995)
	AT	15	NCBI Entrez, GenBank Report with Revision History, Accession No. H67866, Hillier, L. <i>et al.</i> (December 1995)

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FORM PTO-1449

ATTY. DOCKET NO.  
1488.0450001APPLICATION NO.  
08/917,710

## FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

APPLICANT  
Bednarik et al.FILING DATE  
August 26, 1997GROUP  
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	16	NCBI Entrez, GenBank Report with Revision History, Accession No. D79417, Fujiwara, T. et al. (February 1996)
	AS	16	NCBI Entrez, GenBank Report with Revision History, Accession No. D80043, Fujiwara, T. et al. (February 1996)
	AT	16	NCBI Entrez, GenBank Report with Revision History, Accession No. D80014, Fujiwara, T. et al. (February 1996)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	17	NCBI Entrez, GenBank Report with Revision History, Accession No. D80188, Fujiwara, T. et al. (February 1996)
	AS	17	NCBI Entrez, GenBank Report with Revision History, Accession No. D80247, Fujiwara, T. et al. (February 1996)
	AT	17	NCBI Entrez, GenBank Report with Revision History, Accession No. D80522, Fujiwara, T. et al. (February 1996)

EXAMINER <i>Sandra Wiegand</i>	DATE CONSIDERED 10/15/02
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## U.S. PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	18	NCBI Entrez, GenBank Report with Revision History, Accession No. W85847, Hillier, L. <i>et al.</i> (February 1997)
	AS	18	NCBI Entrez, GenBank Report with Revision History, Accession No. W85846, Hillier, L. <i>et al.</i> (February 1997)
	AT	18	NCBI Entrez, GenBank Report with Revision History, Accession No. AA332636, Adams, M.D. <i>et al.</i> (April 1997)

EXAMINER

DATE CONSIDERED

*Sandra Wagent*

10/15/02

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	19	NCBI Entrez, GenBank Report with Revision History, Accession No. AA661179, Blaxter, M.L. <i>et al.</i> (November 1997)
	AS	19	NCBI Entrez, GenBank Report with Revision History, Accession No. AA700260, Hillier, L. <i>et al.</i> (December 1997)
	AT	19	NCBI Entrez, GenBank Report with Revision History, Accession No. AA753525, Nahm, B.H. <i>et al.</i> (1998)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	20	NCBI Entrez, GenBank Report with Revision History, Accession No. AA752108, Nahm, B.H. et al. (1998)
	AS	20	NCBI Entrez, GenBank Report with Revision History, Accession No. AA751717, Nahm, B.H. et al. (1998)
	AT	20	NCBI Entrez, GenBank Report with Revision History, Accession No. AA751726, Nahm, B.H. et al. (1998)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	21	NCBI Entrez, GenBank Report with Revision History, Accession No. AA753514, Nahm, B.H. <i>et al.</i> (1998)
	AS	21	NCBI Entrez, GenBank Report with Revision History, Accession No. AA754190, Nahm, B.H. <i>et al.</i> (1998)
	AT	21	NCBI Entrez, GenBank Report with Revision History, Accession No. AA754205, Nahm, B.H. <i>et al.</i> (1998)

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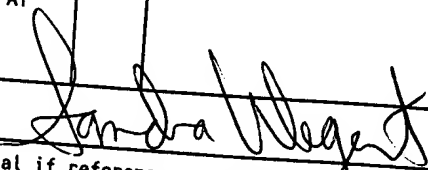
## FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

SLW	AR	22	NCBI Entrez, GenBank Report with Revision History, Accession No. F15046, Wintero, A.K. et al. (1998)
SLW	AS	22	NCBI Entrez, GenBank Report with Revision History, Accession No. F15046, Wintero, A.K. et al. (1998)
	AT		

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